

ABSTRACT OF THE DISCLOSURE

5 A combustion engine is provided having a rotating drive shaft and planetary gear sets that are linked to a rotating chamber, keyed to the drive shaft, to turbomachinery within the chamber. Fluid is fed to the chamber through an axial passage in the drive shaft and is compressed by a number of mechanisms, including set of pump blades, turbine and reaction blades initially driven by the drive shaft and its starter motor. Bubbles within the fluid are subjected to high pressures causing combustion to occur within the bubbles. Additional pressure created by the combustion of the bubbles drives the fluid to exert a net torque on the drive shaft through the gearing mechanism, thereby generating power.

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